

Career and
Technical
Education
Program / Course
Enrollment
Data
2021-22

Career Education Program/Course Enrollment Data Summary Fiscal Year Data

Total Program/Course Enrollment

Secondary	309,985
Adult	37,737
Postsecondary	71,781
Total	419,503

Secondary Program/Course Enrollment

Area Career Center	16%
Comprehensive High School	84%

Total Secondary Program/Course Enrollment Demographics (Occupational Programs)

Demographic		2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Gender	Female	49.0%	48.9%	49.0%	48.9%	48.7%	48.9%	48.9%	48.8%
	Male	51.0%	51.1%	51.0%	51.1%	51.3%	51.1%	51.1%	51.2%
Race	Black	15.1%	15.1%	14.4%	14.1%	13.4%	13.4%	13.2%	13.5%
	White	76.7%	76.1%	75.8%	75.4%	75.4%	74.5%	74.2%	72.8%
	Other	8.2%	8.8%	9.9%	10.6%	11.3%	12.2%	12.6%	13.7%
Disadvantaged		18.6%	27.2%	28.4%	28.9%	27.9%	27.3%	27.6%	25.3%
Disabled		6.1%	10.0%	10.0%	10.4%	10.4%	10.3%	10.7%	10.3%

**Total Data Career Education Program/Course Enrollment
By Program Area/Instructional Level**

Program Area	Secondary	Adult	Postsecondary	Total
Agricultural Education	38,284	2,947	2,566	43,797
Business Education	106,958	3,170	15,490	125,618
Marketing and Cooperative Education	17,182	32	3,527	20,741
Health Sciences	14,803	5,513	27,146	47,462
Family Consumer Sciences & Human Services	102,475	123	4,085	106,683
Skilled Technical Sciences	15,131	25,952	18,967	60,050
Technology & Engineering	15,152	n/a	n/a	15,152
Totals	309,985	37,737	71,781	419,503

Data Agricultural Education Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Agribusiness Sales & Marketing	577			577
Agricultural & Food Products Processing Operations		38		38
Agricultural Business & Management		1,458	740	2,198
Agricultural Communications & Leadership	978			978
Agricultural Construction	3,574			3,574
Agricultural Machinery	675			675
Agricultural Management & Economics	497			497
Agricultural Mechanization		189	37	226
Agricultural Power 1	1,062			1,062
Agricultural Power 2	218			218
Agricultural Production Workers & Managers		966	334	1,300
Agricultural Science 1 (Animal Science)	10,470			10,470
Agricultural Science 2 (Plant Science)	4,836			4,836
Agricultural Structures	1,376			1,376
Agricultural Supplies Retailing & Wholesaling		15		15
Animal Science	2,245			2,245
Biotechnology	72			72
C.A.S.E. Agricultural Business Foundations	207			207
C.A.S.E. Agricultural Power and Technology	293			293
C.A.S.E. Animal and Plant Biotechnology	105			105
C.A.S.E. Food Science and Safety	130			130
C.A.S.E. Intro. To Agriculture, Food & Natural Resources	1,045			1,045
C.A.S.E. Mechanical Systems in Agriculture	14			14
C.A.S.E. Natural Resources & Ecology	138			138
C.A.S.E. Principles of Agricultural Science - Animal	258			258
C.A.S.E. Principles of Agricultural Science - Plant	216			216
Conservation Of Natural Resources	1,484		317	1,801
Crop Science	455			455
Equine Science	112			112
Floriculture	843			843
Food Science & Technology	951			951
Forest Harvesting & Production Technology			21	21
Forest Management	313			313
Greenhouse Operation & Management	2,715			2,715
Horticulture Services Operations & Management		266	475	741
Landscaping	778			778
Natural Resources Conservation		15		15
Nursery Operation & Management	255			255
Supervised Ag Experience - Cooperative	570			570
Supervised Ag Experience - Cooperative	63			63
Turf Management	40			40
Veterinarian Assistant/Animal Health			642	642
Veterinary Science	719			719
Totals	38,284	2,947	2,566	43,797

Data Business Education Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Accounting 1	4,409			4,409
Accounting 2	457			457
Accounting Technician		523	3,827	4,350
Administrative Assistant/Secretarial Science			1,536	1,536
AP Macroeconomics	203			203
AP Microeconomics	82			82
Banking & Financial Support Services	593			593
Business Administrative & Management		1,521	2,689	4,210
Business Communications	1,317			1,317
Business Economics	529			529
Business Law	2,993			2,993
Business Management	6,824			6,824
Business Technology	5,013			5,013
Computer & Information Sciences		5	1,004	1,009
Computer Applications	15,820			15,820
Computer Business Applications		50	39	89
Computer Programming	1,969	412	3,643	6,024
Computer Science I	420			420
Computer Science II	154			154
Computer Systems Analysis			48	48
Cybersecurity	101			101
Entrepreneurship	3,261			3,261
Graphic Arts/Desktop Publishing	4,523			4,523
IB Business & Management	37			37
Information Processing/Data Entry Technician		11	659	670
Introduction to Business	11,565			11,565
Legal Administrative Assistant/Secretary	1	113	19	133
Medical Administrative Assistant/Secretary	12			12
Multimedia	5,586		6	5,592
Network Administration	861	431	1,982	3,274
Office Supervision & Management		104	0	104
Personal Finance	35,139			35,139
Supervised Business Experience	1,379			1,379
Web Design	3,710			3,710
Web/Multimedia Management & Webmaster			38	38
Totals	106,958	3,170	15,490	125,618

Data Marketing & Cooperative Education Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Advertising	404			404
Business Administration/Management		22	1,021	1,043
Cooperative Career Education (CCE) 1	482			482
Cooperative Career Education (CCE) 2	154			154
Entrepreneurship	1,332			1,332
Fashion Merchandising	80			80
Financial Planning & Services		10		10
Hospitality Management	215		264	479
Leadership in the Workplace	506			506
Management	544			544
Marketing, Advanced	1,730			1,730
Marketing Research	38			38
Marketing, Fundamentals Of	7,551			7,551
Marketing/Marketing Management			2,242	2,242
Retailing	352			352
Sports & Entertainment Marketing	1,854			1,854
Supervised CCE Experience	484			484
Supervised Marketing Experience	1,294			1,294
Travel & Tourism	162			162
Totals	17,182	32	3,527	20,741

Data Health Sciences Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Biomedical Innovations*	868			868
Community Health Services/Liaison/Counseling			257	257
Dental Assistant	26	234	771	1,031
Dental Hygienist			956	956
Diagnostic Medical Sonography Technician			206	206
Emergency Medical Technician	312			312
Emergency Medical Technology/Technician		506	1,408	1,914
Funeral Service & Mortuary Science			142	142
Health Information/Medical Records Technology	43			43
Health Service Aide	3,351			3,351
Health Services/Allied Health/Health		61	64	125
Hearing Instrument Specialist			21	21
Human Body Systems*	2,935			2,935
Medical/Clinical Assistant		51	213	264
Medical Intervention*	1,517			1,517
Medical Laboratory Assistant	44			44
Medical Laboratory Technician			2,503	2,503
Medical Radiologic Technology/Technician		42	789	831
Medical Records Technology/Technician		14	2,003	2,017
Medical Transcription	11		23	34
Nursing (RN Training)		41	9,601	9,642
Nursing Assistant/Aide		488	574	1,062
Occupational Therapy Assistant			1,396	1,396
Pharmacy Technician/Assistant	34	10	35	79
Physical Therapy Assistant	111	338	1,133	1,582
Practical Nursing (LPN Training)	9	3,576	3,199	6,784
Principles of Biomedical Science*	5,542			5,542
Radiologic Technology/Science - Radiographer			551	551
Respiratory Therapy Technician		79	302	381
Sign Language Interpreter		13	293	306
Surgical/Operating Room Technician		60	706	766
Totals	14,803	5,513	27,146	47,462

*These courses are part of the PLTW program

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Students enrolled in multiple courses are counted in each course.

Yearly enrollment data calculated from data submitted via MOSIS.

Data as of September 27, 2022

Data Family Consumer Sciences

By Program/Course & Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Apparel & Textile, General	102	23		125
Apparel, Textiles & Fashion	6,211			6,211
Apparel, Textiles & Fashion, Advanced	1,841			1,841
Baking & Pastry, Arts/Baker/Pastry Chef			264	264
Career Development/Entrepreneurship	3,952			3,952
Career Pathways For The Teaching Profession	888			888
Child Care Provider/Assistant			1,730	1,730
Child Development	14,306			14,306
Child Development, Advanced	4,236			4,236
Child Development, Care and Guidance		14		14
Cosmetology	275	20		295
Culinary Arts/Chef Training	1,175	3	538	1,716
Early Childhood Professions	642			642
Family Consumer Science Internship	245			245
Family Consumer Science, Coop	6			6
Family/Consumer Resource Management	2,750			2,750
Family/Individual Health	2,838			2,838
Fashion Design	152			152
Fashion and Interior Design Fundamentals (Pathway Level 1)	1,115			1,115
Fashion Design and Construction (Pathway Level 2)	94			94
Fashion/Interior Design and Merchandising (Pathway Level 3)	32			32
Food, General	14,485			14,485
Food Production, Management and Services, General	9			9
Food Science	4,946			4,946
Food, Nutrition & Related Services		42		42
Hospitality & Tourism Management Program I	730			730

2020-21 Family Consumer Sciences

By Program/Course & Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Hospitality & Tourism Management Program II	36			36
Hospitality Administration/Management			264	264
Housing Environments & Design	6,211			6,211
Human Development	1,233			1,233
Human Services		15	709	724
International Foods	3,054			3,054
Interior Design		6	343	349
Interior Design, Advanced (Pathway 2)	52			52
Interpersonal Relationships	4,871			4,871
Intro to Careers in Hospitality & Tourism	57			57
Nail Technician	23			23
Nutrition & Wellness	17,337			17,337
ParaEducator			41	41
Parenting	1,072			1,072
Personal Finance	2,534			2,534
Practicum in Teaching Pathway	407			407
Pro Start I	3,739			3,739
Pro Start II	712			712
Restaurant, Culinary, & Catering Management	107		196	303
Totals	102,475	123	4,085	106,683

Data Skilled Technical Sciences Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Aeronautic/Aviation/Aerospace Science & Technology			112	112
Air Conditioning, Heating, Refrigeration	433			433
Aircraft Mechanics, Airframe	34			34
Aircraft Mechanics, Powerframe	5			5
Aircraft Powerplant Technology/Technician		200		200
Architectural Engineering Technology			6	6
Auto Body Repair	933			933
Auto Mechanics	2,154			2,154
Autobody/Collision & Repair Technology		71	23	94
Automobile/Automotive Mechanics Technology		435	894	1,329
Aviation Management	19			19
Building Maintenance	39			39
Building Maintenance/Building/Property Maintenance & Manager			71	71
Cabinetmaking & Millwork/Millwright	87	7		94
Carpentry/Carpenter	2,588	9,479	1	12,068
Cartography	19			19
Chemical Technology			4	4
Civil Engineering Technology	18	266	136	420
Commercial & Advertising Art		4,195	2,706	6,901
Commercial Art Occupations	94			94
Commercial Photography Occupations	76		58	134
Computer Installation & Repair Technology	290		70	360
Computer Servicing Technology	841			841
Computer Technology/Computer Systems Technology		9	263	272
Construction Engineering Technology			297	297
Construction Technology	562			562
Construction Trades		1,320	248	1,568
Construction/Heavy Equipment/Earthmoving Equipment Operation		1,976		1,976
Corrections			801	801
Criminal Justice/Police Science	441		2,610	3,051
Diesel Mechanics Technology	249	79	325	653
Drafting & Design Technology	474	270	662	1,406
Electrical & Communications Engineering Technology	54			54
Electrical & Electronics Equipment Repair	216			216
Electrical & Power Transmission Installation		370	430	800

Data Skilled Technical Sciences Enrollment (continued)

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Electrical, Electronic & Communications Engineering		235	1,772	2,007
Electrical/Electronic Equipment Installer & Repairer		1		1
Electrician	157	1,044	116	1,317
Engineering Technologies/Technicians		60		60
Fire Control & Safety Technology	37			37
Fire Protection & Safety Technology			326	326
Fire Science & Firefighting	131	4	170	305
Floor Layers	12			12
Graphic Arts Occupations	875			875
Heating, Air Conditioning, Ventilation & Refrigeration Maintenance		270	679	949
Heavy Equipment Maintenance & Repairer		457		457
Industrial Electronics Technology	29		206	235
Industrial Equipment Maintenance Repair	47			47
Industrial/Manufacturing Technology/Technician	11	8	224	243
Industrial Technology/Technician		40	166	206
Instrumentation Technology		0	47	47
Ironworking/Ironworker		165		165
Law Enforcement Training	392			392
Legal Assistant/Paralegal			2,074	2,074
Machine Tool Technology/Machinist	612	232	619	1,463
Manufacturing Technology/Technician	137	93	635	865
Marine Maintenance	95			95
Mason/Masonry	78	785		863
Mechanical Engineering Technology			240	240
Metal Fabrication	42			42
Motorcycle Maintenance & Repair Technology	26	162		188
Nuclear/Nuclear Power			99	99
Occupational Safety & Health Technology		900		900
Painting/Painter & Wall Coverer		557		557
Pipefitter & Sprinkler Fitter		718		718
Plumbing Technology/Plumber		770		770
Prepress/Desktop Publishing & Digital Imaging Design			228	228

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Students enrolled in multiple courses are counted in each course.

Yearly enrollment data calculated from data submitted via MOSIS.

Data as of September 27, 2022

Data Skilled Technical Sciences Enrollment (continued)

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Radio/Television Broadcasting Technology	974		535	1,509
Robotics Technology	32			32
Small Engine Mechanics & Repair Technology	26	38		64
Survey Technology/Surveying			11	11
Trade and Industrial Supervised Employment	13			13
Truck & Bus Driver/Commercial Vehicle		49	90	139
Water Quality & Wastewater Treatment Management & Recycling Technology	2			2
Welding Technology/Welder	1,777	687	1,013	3,477
Totals	15,131	25,952	18,967	60,050

Data Technology & Engineering Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Aerospace Engineering	347	Secondary Only		347
Biotechnology Engineering	42			42
Civil Engineering & Architecture	713			713
Computer Integrated Manufacturing	270			270
Computer Science & Software Engineering	1,251			1,251
Computer Science Application	544			544
Computer Science Essentials	2,160			2,160
Cyber Security	804			804
Digital Electronics	463			463
Engineering Design & Development	595			595
Engineering Essentials	415			415
Environmental Sustainability	19			19
Introduction to Engineering Design	5,190			5,190
Principles of Engineering	2,339			2,339
Totals	15,152			15,152

Data Special Needs (Vo Prep) Enrollment

By Program/Course and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Basic Skills (Vocational)	166	Secondary Only		166
Career Education Preparation	37			37
Totals	203			203

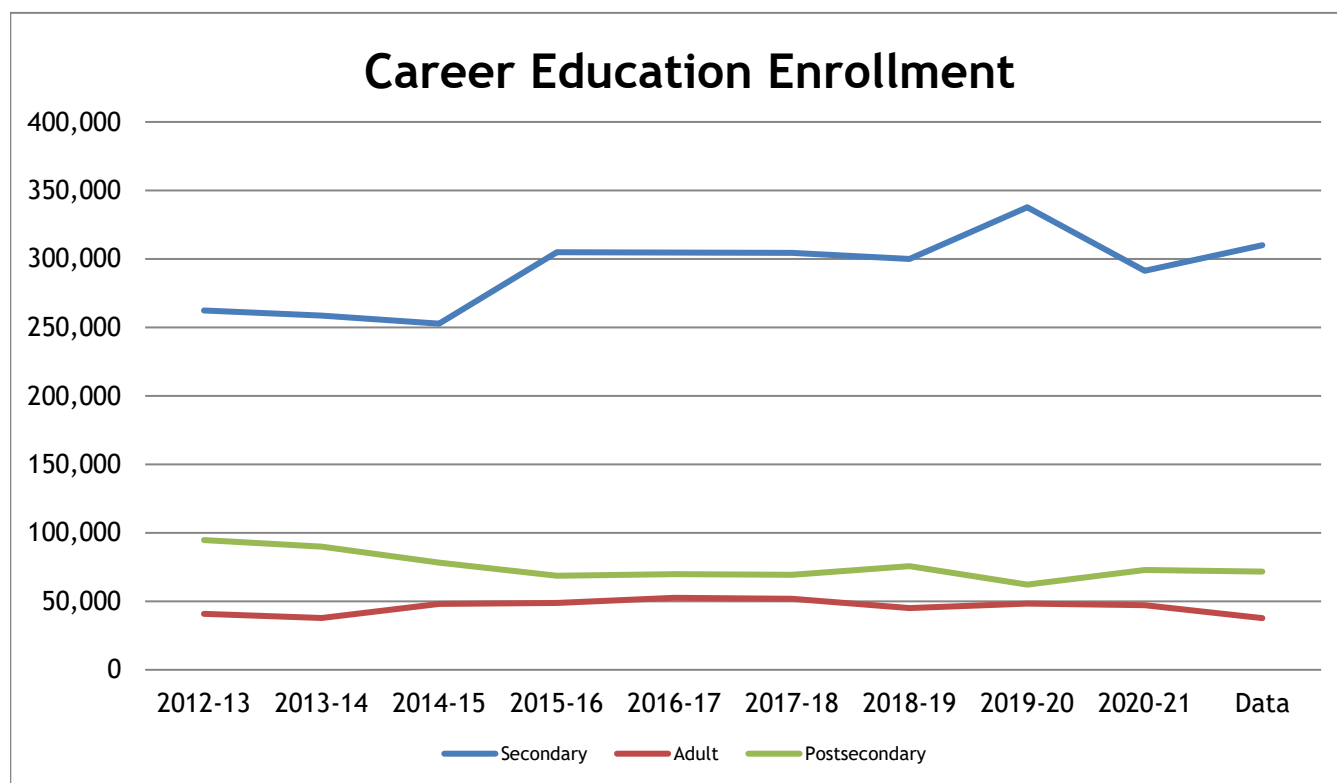
Data Demographics Enrollment

Using Program/Course For Category and Level

Program/Course Title	Secondary	Adult	Postsecondary	Total
Female	88,867	Secondary Only		88,867
Male	93,234			93,234
Black	24,610			24,610
White	132,774			132,774
Other	24,939			24,939
Disadvantaged	46,079			46,079
Disabled	18,732			18,732

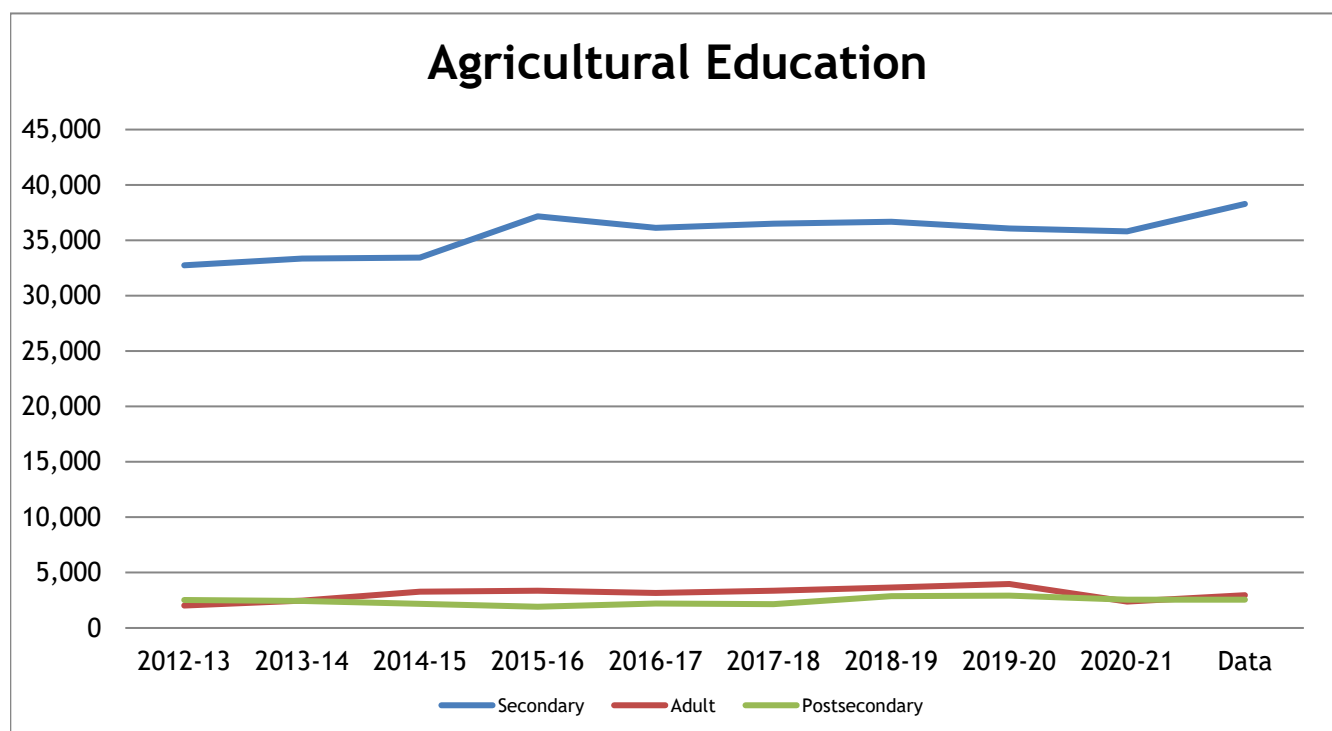
Career Education Program/Course Enrollment in Missouri (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	262,408	40,794	94,718	397,920
2013-14	258,538	37,783	89,944	386,265
2014-15	252,727	48,206	78,203	379,136
2015-16	304,957	48,793	68,636	422,386
2016-17	304,567	52,564	69,808	426,939
2017-18	304,471	51,830	69,391	425,692
2018-19	300,079	45,091	75,737	420,907
2019-20	337,700	48,444	62,212	448,426
2020-21	291,268	47,179	72,792	411,239
Data	309,985	37,737	71,781	419,503



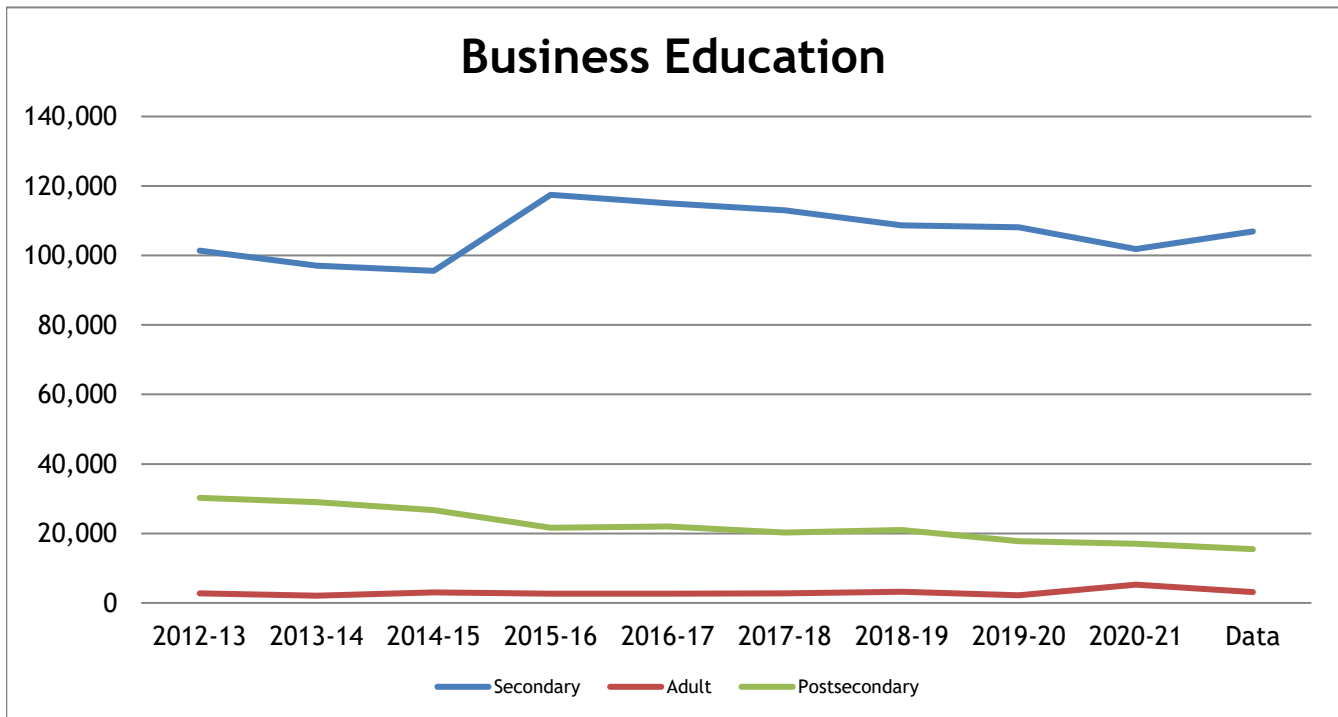
Agricultural Education Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	32,745	2,026	2,521	37,292
2013-14	33,342	2,465	2,439	38,246
2014-15	33,455	3,288	2,187	38,930
2015-16	37,165	3,371	1,918	42,454
2016-17	36,114	3,174	2,222	41,510
2017-18	36,516	3,357	2,163	42,036
2018-19	36,685	3,650	2,881	43,216
2019-20	36,068	3,970	2,921	42,959
2020-21	35,816	2,392	2,554	40,762
Data	38,284	2,947	2,566	43,797



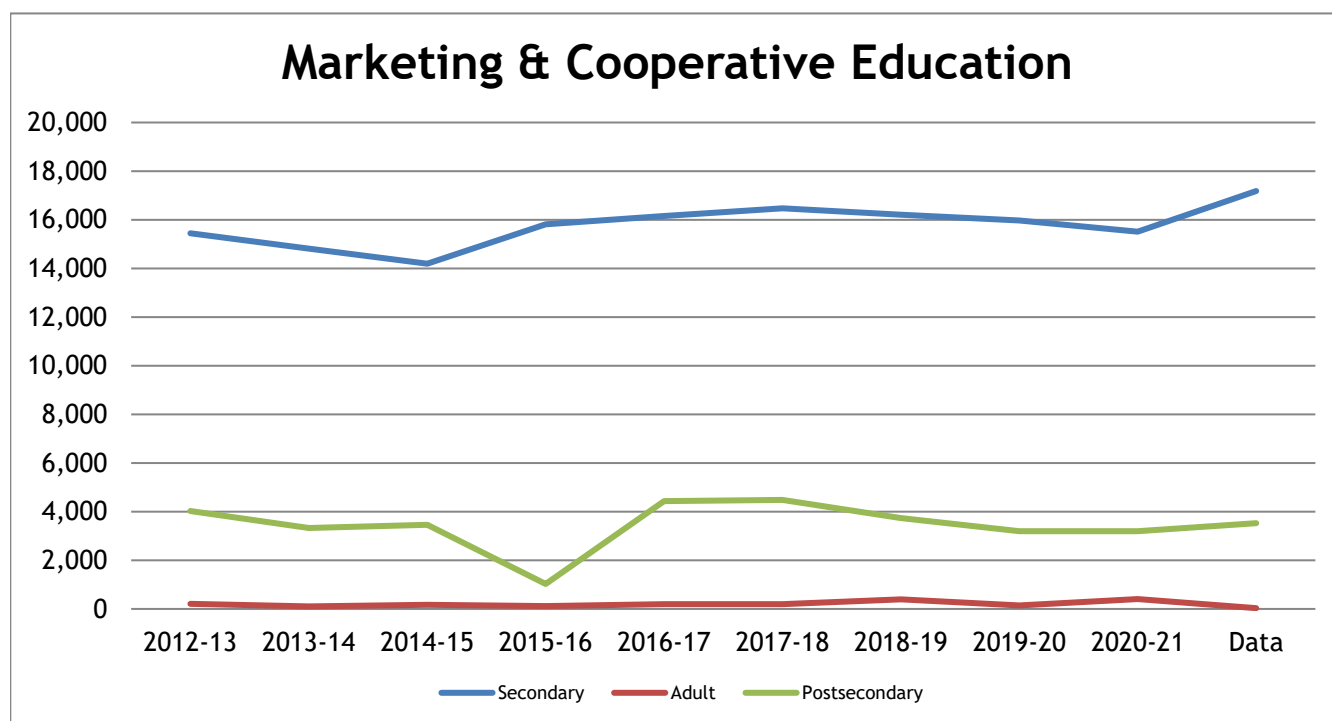
Business Education Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	101,350	2,763	30,247	134,360
2013-14	97,044	2,087	29,040	128,171
2014-15	95,579	3,050	26,695	125,324
2015-16	117,460	2,647	21,644	141,751
2016-17	114,987	2,682	21,990	139,659
2017-18	113,040	2,759	20,249	136,048
2018-19	108,709	3,220	21,015	132,944
2019-20	108,117	2,246	17,731	128,094
2020-21	101,829	5,265	17,043	124,137
Data	106,958	3,170	15,490	125,618



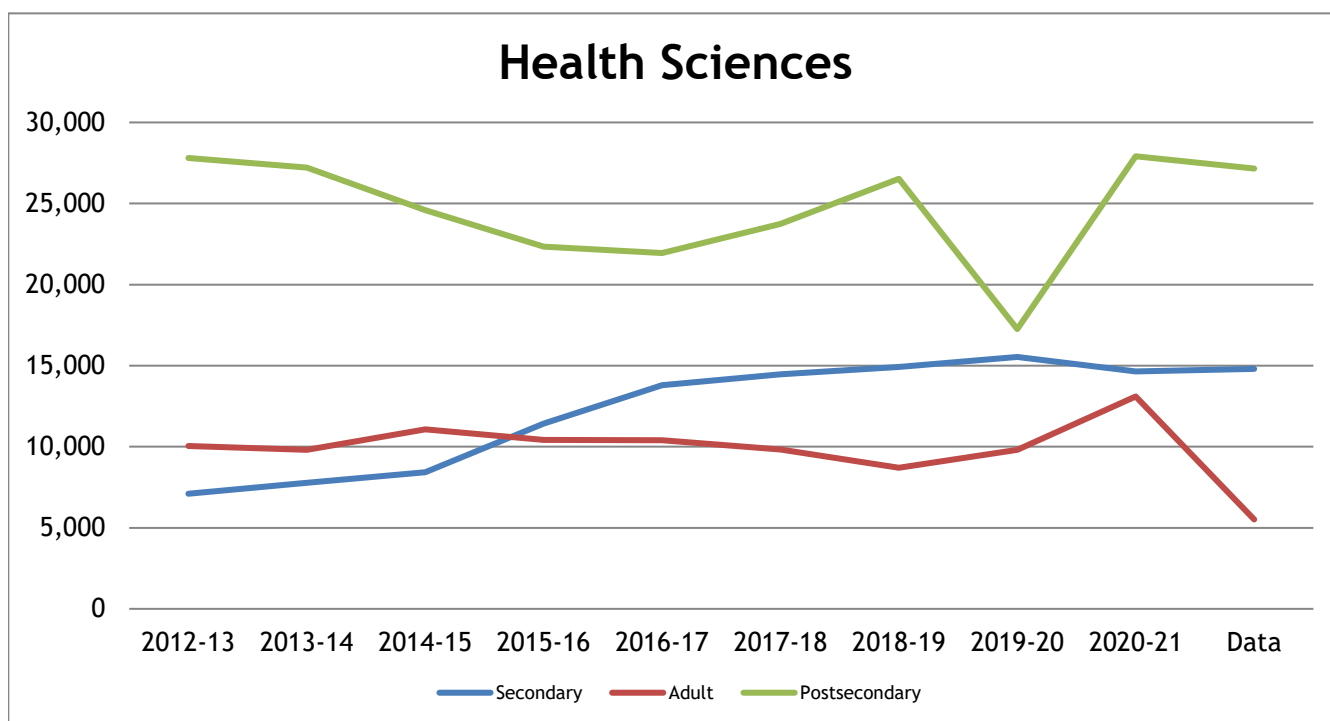
Marketing & Cooperative Education Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	15,444	205	4,024	19,673
2013-14	14,813	108	3,328	18,249
2014-15	14,195	173	3,461	17,829
2015-16	15,815	118	1,027	19,960
2016-17	16,150	196	4,427	20,773
2017-18	16,474	203	4,482	21,159
2018-19	16,203	400	3,739	20,342
2019-20	15,972	138	3,197	19,307
2020-21	15,516	406	3,198	19,120
Data	17,182	32	3,527	20,741



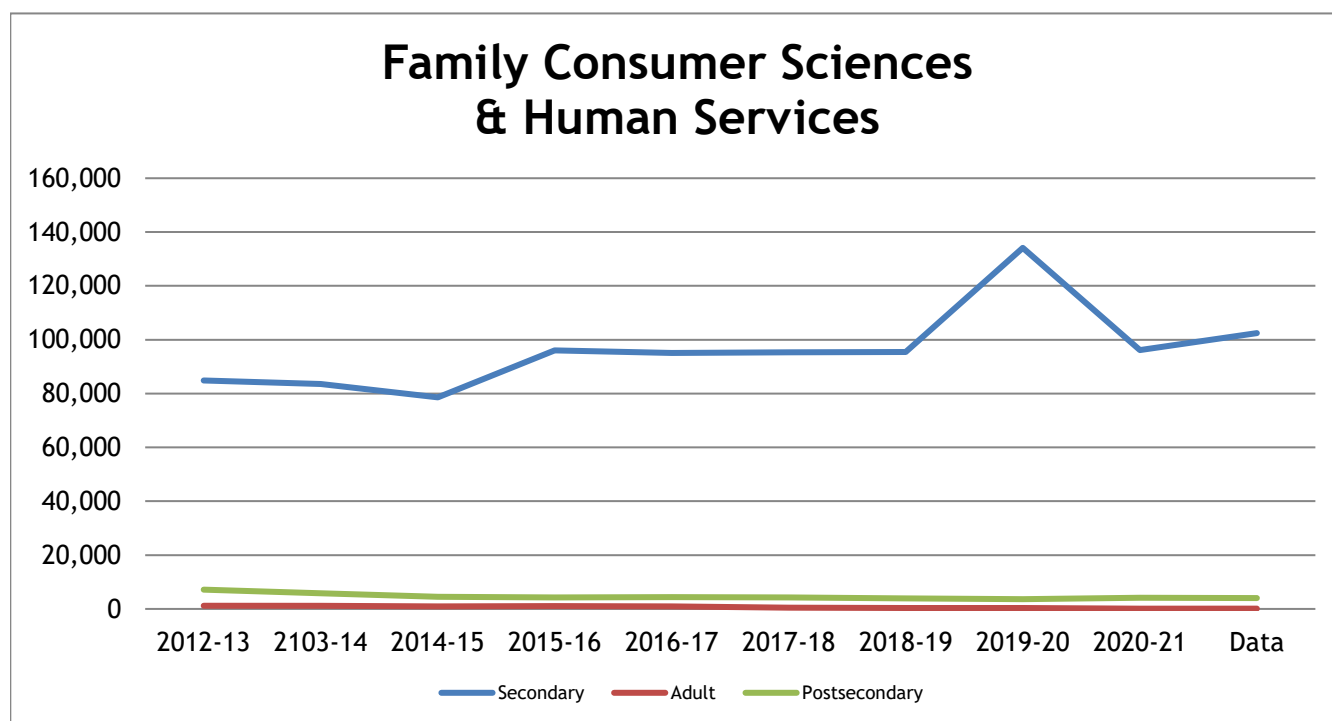
Health Sciences Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	7,101	10,042	27,800	44,943
2013-14	7,781	9,815	27,206	44,802
2014-15	8,426	11,078	24,589	44,093
2015-16	11,425	10,422	22,346	44,193
2016-17	13,789	10,407	21,936	46,132
2017-18	14,466	9,822	23,731	48,019
2018-19	14,909	8,709	26,527	50,145
2019-20	15,535	9,805	17,252	42,592
2020-21	14,633	13,098	27,911	55,642
Data	14,803	5,513	27,146	47,462



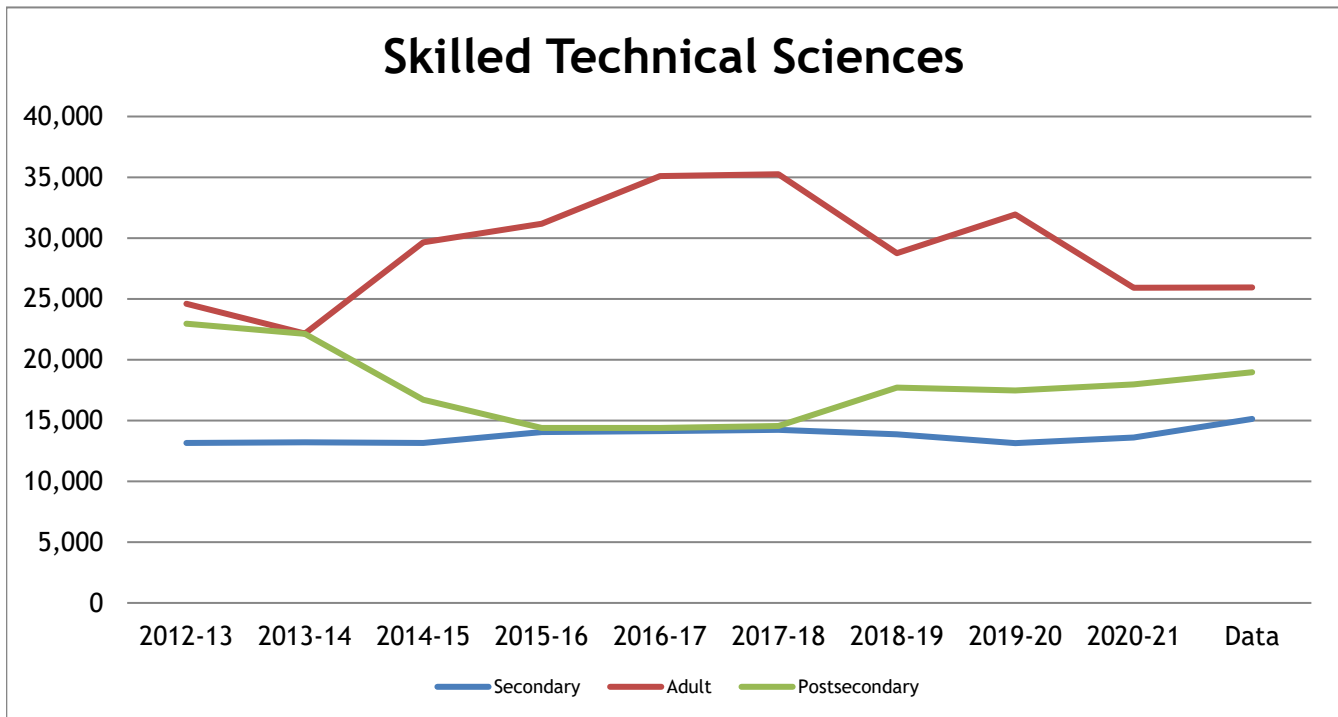
Family Consumer Sciences & Human Services Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	84,823	1,155	7,164	93,142
2103-14	83,581	1,157	5,798	90,536
2014-15	78,595	950	4,551	84,096
2015-16	96,037	1,043	4,311	101,391
2016-17	95,058	993	4,397	100,448
2017-18	95,292	437	4,215	99,944
2018-19	95,453	348	3,861	99,662
2019-20	134,138	343	3,630	138,111
2020-21	96,108	106	4,114	100,328
Data	102,475	123	4,085	106,683



Skilled Technical Sciences Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	13,159	24,603	22,962	60,724
2013-14	13,207	22,151	22,133	57,491
2014-15	13,146	29,667	16,720	59,533
2015-16	14,048	31,192	14,390	59,630
2016-17	14,124	35,109	14,390	64,069
2017-18	14,231	35,252	14,551	64,034
2018-19	13,876	28,764	17,714	60,354
2019-20	13,140	31,942	17,481	62,563
2020-21	13,608	25,912	17,972	57,492
Data	15,131	25,952	18,967	60,050



Technology & Engineering Enrollment (10-Year Summary)

Year	Secondary	Adult	Postsecondary	Total
2012-13	7,786	Secondary Only		7,786
2013-14	8,770			8,770
2014-15	9,331			9,331
2015-16	13,007			13,007
2016-17	14,345			14,345
2017-18	14,452			14,452
2018-19	14,244			14,244
2019-20	14,800			14,800
2020-21	13,758			13,758
Data	15,152			15,152

